

Introduction to EAC-CPF 2.0

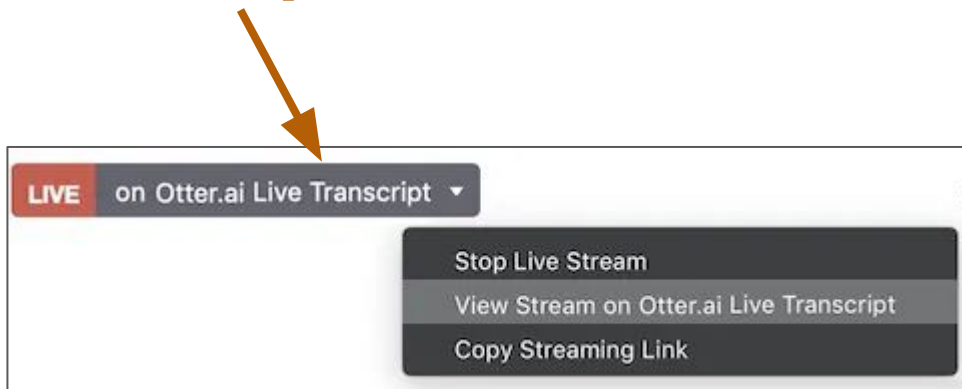
2022-11-14 and 2022-11-15

All lines are muted. If you cannot hear audio once the webinar starts, please call in via phone

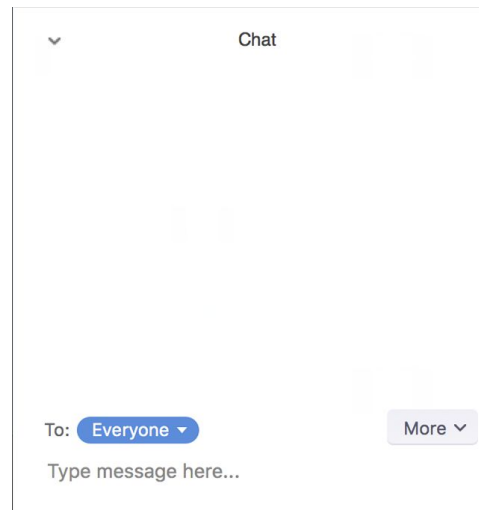
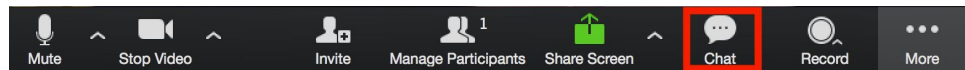
Call-in numbers: <https://us06web.zoom.us/j/82476551959>
Meeting ID: **82476551959**



View **live transcript** on Otter.ai



All lines are **muted**



Use **chat** for questions

Introduction to EAC-CPF 2.0

2022-11-14 and 2022-11-15

Presenters

Karin Bredenberg, Kommunalförbundet Sydarkivera, Sweden


Marie Elia, University at Buffalo, United States

Ailie Smith, University of Melbourne, Australia

Kerstin Arnold, Archives Portal Europe Foundation, Germany

TS-EAS

- Technical Subcommittee on Encoded Archival Standards at the Society of American Archivists (SAA)
- Background and work covered in this presentation:
 - <https://youtu.be/9NXNyx9py-I>



We take care of the
formats you use to
manage and share
archival information.

We need your
comments,
suggestions and
bug reports.

Your input
drives our
work forward.

Where you can find more

TS EAS

<https://www2.archivists.org/groups/technical-subcommittee-on-encoded-archival-standards-ts-eas>



TS-EAS on GitHub

<https://github.com/SAA-SDT>



EAD publication

<http://www.loc.gov/ead/index.html>



EAC publication

<https://eac.staatsbibliothek-berlin.de/>



Our mailing list

EAD@LISTSERV.LOC.GOV

Reporting an issue via SAA

<https://www2.archivists.org/standards/TS-EAS-report-an-issue>



Standards revision

Annual rolling revision cycle for minor releases (see more on GitHub: <https://github.com/SAA-SDT/TS-EAS-subteam-notes/blob/master/rolling-revision-cycle.md>)

Evaluate standards for potential major revision every five years following guidelines by SAA's Standards Committee (see more: <https://www2.archivists.org/governance/handbook/section7/groups/Standards/Development-and-Review>)

Design principles

In general: newly established [TS-EAS](#)
[Design principles](#)

<https://github.com/SAA-SDT/TS-EAS-subteam-notes/wiki/Design-Principles>

Schema Principles

1. Simplicity comes first.
2. Community needs are tied with (and tied to) the first principle.
3. The schemas exist, first and foremost, to allow the Community to validate and share archival description, which should in turn adhere to archival descriptive standards.
4. Readability matters, especially since our Community is a community of people.

Design principles

Schema Principles

5. Since our Community is an international community, the schemas support internationalization.
6. The schemas permit customizations, acknowledging that local requirements exist, without sacrificing interoperability.
7. Value lists populated from external sources will be maintained for the current version only.
8. The schemas are free to use without restrictions on their use.
9. The schemas will be revised, not in isolation, but in the context of related standards as well as changing technologies.
10. Only the current version is supported.

Presenters

Karin Bredenberg,
Kommunalförbundet Sydarkivera,
Sweden

Marie Elia, University at Buffalo,
United States

Ailie Smith, University of
Melbourne, Australia

Kerstin Arnold, Archives Portal
Europe Foundation, Germany

Short introduction to: Encoded Archival Context - Corporate Bodies, Persons and Families (EAC-CPF)

Using content developed by Katherine M. Wisser (Associate Professor and Director, Archives Management Concentration, School of Library and Information Science, Simmons University), with Betts Coup, Adrian Turner & Caitlin Wells

Goal

Describe corporate bodies,
persons, and families related to
archival materials

Technical representation of
the [International Standard on
Archival Authority Records
\(ISAAR-CPF\)](#)

A few words on XML

- Stands for eXtensible Markup Language
- Consists of elements (<...>) and attributes (@)

`<element attribute="attribute value">element value</element>`

- Parents and children in a hierarchical structure

```
<parentElement>
  <childElement1>Child 1</childElement1>
  <childElement2>Child 2</childElement2>
</parentElement>
```

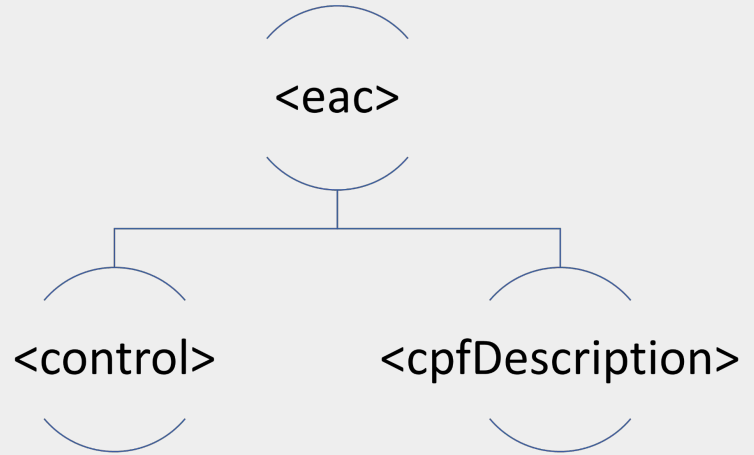
- XML schema defines how elements and attributes can/have to be used
- Data type defines what an element/attribute can contain - text, numbers, etc.
- Namespace defines the “homespace” for elements & attributes in the schema

Structure

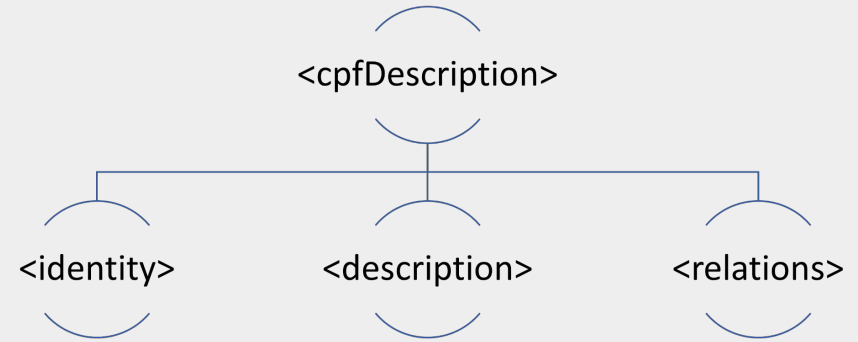
<eac>: Root element

<control>: Information about the XML file

<cpfDescription>: Description of the corporate body, person, or family



<cpfDescription>



<identity>

- Required
- Contains information about the type of entity you are describing, identifiers for the entity, and name information
- May include authorized and variant names found in traditional authority records

```
<identity>
  <entityType value="person"></entityType>

  <nameEntry>
    <part localType="familyname">Hill</part>

    <part localType="givenname">Dorothy</part>

  </nameEntry>
</identity>
```


<description>

- Includes both formal descriptive elements intended to be indexable and informal descriptive elements for narrative descriptive passages
- Covers dates of existence, functions or occupations, biographical or historical notes, places, and more

```
<description>
  <places>
    <place>
      <placeName vocabularySource="local" id="IDPlaceName1">East Side (Buffalo, N.Y.)</placeName>

      <geographicCoordinates coordinateSystem="WGS84">N 42°53'48" W 78°50'2"</geographicCoordinates>

    </place>
  </places>

  <functions>
    <function>
      <term valueURI="http://vocab.getty.edu/page/aat/300055433" vocabularySource="aat"
        vocabularySourceURI="https://www.getty.edu/research/tools/vocabularies/aat/">community
        development</term>

      <placeName target="IDPlaceName1">East Side (Buffalo, N.Y.)</placeName>

      <descriptiveNote>
        <p>The organization's mission is to create programs to improve the quality of residential
        housing and develop projects to improve the East Side of Buffalo and Western New York.</p>
      </descriptiveNote>

    </function>
  </functions>
</description>
```

<relations>

Establishes structured information about relationships:

- Between the entity you are describing and other corporate bodies, persons, or families
- Between the entity you are describing and descriptions of related archival resources
- Between the entity you are describing and descriptions of relevant functions

```
<relations>
  <relation>
    <targetEntity targetType="person" valueURI="https://d-nb.info/gnd/119067159X" vocabularySource="GND"
      vocabularySourceURI="https://d-nb.info/gnd/">
      <part>Arendt, Max</part>

      <part>1843-1913</part>

    </targetEntity>

    <relationType>family</relationType>

    <targetRole>grandfather</targetRole>
  </relation>

  <relation>
    <targetEntity targetType="person" valueURI="https://d-nb.info/gnd/1190672170" vocabularySource="GND"
      vocabularySourceURI="https://d-nb.info/gnd/">
      <part>Arendt-Beerwald, Martha</part>

      <part>1874-1948</part>

    </targetEntity>

    <relationType>family</relationType>

    <targetRole>mother</targetRole>
  </relation>

  <relation>
    <targetEntity targetType="person" valueURI="https://d-nb.info/gnd/1190671301" vocabularySource="GND"
      vocabularySourceURI="https://d-nb.info/gnd/">
      <part>Arendt, Paul</part>

      <part>1873-1913</part>

    </targetEntity>

    <relationType>family</relationType>

    <targetRole>father</targetRole>
  </relation>
</relations>
```

Why <relations>?

These relationship descriptions can leverage the linking capabilities of the internet to make direct connections and help users navigate through the complex world that archival materials represent

Creating EAC-CPF documents

- Authored using an XML editor
- Generated through scripts from existing structured descriptions
- Generated through collection management systems designed to output EAC-CPF files

Publishing EAC-CPF documents

- Use a stylesheet to transform the XML into browser-readable HTML displays
- Collection management systems can include a public interface that allows patrons to search and retrieve
- Use a purpose-built system

EAC-CPF initiatives

- Houghton Library and Beinecke Library: [Connecting the Dots: Samuel Johnson and His Circle](#) (2012)
- [Social Networks and Archival Context \(SNAC\)](#)
- [Archives Portal Europe](#)

Harvard Wiki

Plains

Log in

Connecting the Dots

Sider

Blog

UNDERSTAND

Sider

Connecting the Dots: Using ...

Eatiles

EAC-CPP procedures

Record Creation

for underlord

Dashbord

Connecting the Dots: Using EAC-CPP to Reunite Samuel Johnson and His Circle

(Signed as Europe A. Dots, unraté André et Jean C. Proulx des etc. etc. etc.)

A project to demonstrate the benefits of using Encoded Archival Context – Corporate bodies, Persons, and Families (EAC-CPF) to describe creators of manuscript collections and enable meaningful semantic links between those creators themselves and the primary sources that document their lives and work. The project will focus on lexicographer Samuel Johnson (1709–c.1744) and his circle of fellow writers, artists, political thinkers and friends, as well as collectors thereof. EAC-CPP records will describe Johnson and members of his circle; document and make navigable their relationships; and provide links to the rich Johnsonian archival resources held by the Beinecke and Houghton Libraries. The project will attempt to answer the following questions:

- a. How can two separate institutions (Beinecke/Tale and Houghton/Harvard) collaborate to create, share, maintain EAC-CPP records and develop a set of metadata best practices for this new archival standard?
- s. What is a context-rich EAC-CPP record? What essential information and linking will be most beneficial to our users?

Project submitted on 06/03/2016 and awarded on 06/03/2016 by:
Houghton Library, Harvard University; Susan Prynne, Kristin Perrault, Melanie Winger
Beinecke Rare Book and Manuscript Library, Yale University; Ellen Doot, Michael Rush

Logo image: Portrait of Samuel Johnson by Edward Francesco Barry, after Joshua Reynolds. James Marshall and Marie-Louise Osborn Collection, Beinecke Rare Book and Manuscript Library, Yale University.

Togo editor

snac

Search Browse Resources

About Help Login

Lagerlöf, Selma, 1858-1940

Variant names

Detailed View

Revision History

Sources

Export

Biography

Resources

Relationships

Places

Subjects

Occupations

Activities

Swedish author

From the description of Till Anna Hagman vid avskedet från Landskrona : [n.p.] : autograph poem signed "Selma", 1886 Jun. (Unknown). WorldCat record id: 276580254

Epithet: Swedish novelist

British Library Archives and Manuscripts Catalogue : Person : Description : ark:/81155/vdc_100000011091d0001a8

Image from Wikimedia Commons

Person

CONFERENCE 7.1.17

Create account Login

Advanced search Find an institution Explore About us Tools News & Events Help

Return to search Search in archives Results (ARCHIVES)

Culture/Théâtre/ Les Années Ville de Pontoise Saint Leu Gestion Graphic

2016

Reference: 1F11-3695 - 1 F1 3623

Make a suggestion Contact institution Share

France Archives municipales de Pontoise

Finding aid sub-groups

1 F1 - Affiches

More before

Cinquième République depuis 1958

More before

Mandat Président François Hollande 2012-2017

Scope and content

Présentation du contenu

Les Années : pièce de théâtre d'après le roman d'Annie Ernaux.

Condition of the material

Paper, Bon

Genre of the material

affiche publicitaire

The revision

Revision steps

EAC-CPF 2010

SAA accepted 2011

[Revision begins 2017]

EAC-CPF 2010 version 2018

[Major revision begins]

EAC-CPF 2.0 draft

EAC-CPF 2.0 approved 2022

Revision steps

EAC-CPF 2010

Revision of current EAC-CPF schema started in 2017 (SAA Portland, OR)
Call for proposals on this revision, closed December 2017.

EAC-CPF 2010 version 2018

Minor enhancements and a clean-up, aligned elements and attributes definitions with EAD3 if feasible)
Beginning of major revision

EAC-CPF 2.0

Incorporated 8 years contained of feedback from user community.

EAC-CPF 2.0 approved 2022

Revision targets

simplifying where possible,

aligning with EAD where useful,

implementing **features and solutions** upon users' request,

clearing up unused components

<EAC-CPF>

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[Schemata and Tag Library](#)

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[News and Announcements](#)

[Related Standards](#)

[Community and Support](#)



Staatsbibliothek
zu Berlin
Preußischer Kulturbesitz



THE QUALITY OF AMERICAN ARCHIVES
SAA
ESTABLISHED 1998

Using this Website

EAC-CPF 2.0 BACKGROUND

The process for a major revision for EAC-CPF 2010 started in 2017, following the 2015 merger of the Technical Subcommittees on EAD and EAC-CPF and the Schema Development Team into the Technical Subcommittee on Encoded Archival Standards (TS-EAS) and was finalized in early 2022. This major revision modernizes the schema in terms of:

- simplifying where possible,
- aligning with EAD where useful,
- implementing features and solutions upon users' request,
- clearing up unused components.

Revision notes

History & methodology

Participants of the revision process

Webinars, presentations and material

Revision notes

For details on the new and updated encoding see the [Revision notes](#) incl.

- removed, renamed or replaced and added elements and attributes,
- schema alignment with EAD,
- modified encoding,
- updated content models

For details on how to use elements and attributes see the [Tag Library](#) and the [Best Practices Guide](#).

History & methodology

EAC-CPF schema revision started two years after the release of EAD3 in 2015 and one year after the publication of the first draft of Records in Contexts – Conceptual Model (RIC-CM) in 2016. During the revision work not only the existing EAD3 schema but also the community's feedback on EAD3 and the proposed new concepts for archival description in RIC-CM were taken into account.

Nonetheless, the current revision to EAC-CPF standard is based on the requirements of the SAA standards maintenance schedule and policies. For this reason, the submitted standards version will continue to be based on ISAAR(CPF) rather than the draft version of RIC-CM.

Search

Q

RECENT NEWS

EAC-CPF 2.0 release ahead
12. July 2022 - 7:44

EAC-CPF 2.0 submitted to SAA for approval
29. March 2022 - 10:32

First Chinese translation of an EAS Tag Library available for EAC-CPF
9. February 2022 - 10:30

Webinar: Introducing revisions to the Encoded Archival Context – Corporate bodies, Persons, and Families (EAC-CPF) standard
9. April 2021 - 12:34

Schema Revision 2021
14. March 2021 - 10:00

Simplified schema and alignment with EAD

Alignment objectives

- Address overlap of standards and user communities
- Easier to maintain
- Easier to teach, learn, and use
- What has the same name and scope should be defined and used in the same way

Renamed elements

- Renamed as part of alignment
 - <abbreviation> to <shortCode>
 - <citation> to <reference>
 - <placeEntry> to <placeName>
 - <script> to <writingSystem>
- Renamed to be more precise
 - <eac-cpf> to <eac>
 - <nameEntryParallel> to <nameEntrySet>
 - <entityId> to <identityId>

Replaced and removed elements

Replaced

<sourceEntry> by <reference>
<agentType> by <agent @agentType>
<alternativeForm> by <nameEntry @status="alternative">
<authorizedForm> by <nameEntry @status="authorized">
<cpfRelation> by <targetEntity @targetType="person" or
"family" or "corporateBody" or "agent">
<eventType> by <maintenanceEvent
@maintenanceEventType>
<functionRelation> by <targetEntity
@targetType="function">
<maintenanceStatus> by <control @maintenanceStatus>
<preferredForm> by <nameEntry @preferredForm>
<publicationStatus> by <control @publicationStatus>
<relationEntry> by <targetEntity>
<resourceRelation> by <targetEntity
@targetType="resource">

Removed

<outline> with <level>
<objectBinWrap>

Simplified schema: Bundled elements

Following the community feedback from 2012 to harmonize the role and function of singular and plural elements, EAC-CPF 2.0 has two concepts to bundle elements:

- Plural elements

Wrapper elements for one or more singular elements of the same kind. Examples include `<functions>`, `<legalStatuses>`, and `<mandates>`.

- Element sets

Element sets bundle elements with different concepts/information.

Examples include `<dateSet>` and `<chronItemSet>`.

Simplified schema:

Sequence of elements

Elements are ordered within their parent elements as follows

- required, not repeatable elements
- required, repeatable elements
- optional, not repeatable elements
- optional repeatable elements

Simplified schema: Relaxed data type & elements definition

<recordId>

relaxed from NMTOKEN to text (must have at least one non-whitespace character)

<agencyCode>

relaxed the constraint to ISO 15511 to text

@countryCode, @languageCode, @scriptCode

relaxed the constraint to ISO standards (ISO 3166-1, ISO 639-2, ISO 15924) to NMTOKEN

@localType

data type relaxed from anyURI to token

@vocabularySource

data type relaxed from NMTOKEN to token

EAD Alignment: Control

New attributes

New attributes in <control>:

@countryEncoding,

@dateEncoding,

@languageEncoding,

@repositoryEncoding,

@scriptEncoding

EAD Alignment: New elements

<representation>

optional child element of <control>

<geographicCoordinates>

optional child element of <place>

<chronItemSet>

optional child element of <chronItem>
to bind several events and places to a
date

EAD Alignment: External namespaces

Attributes of XML namespace replaced

@xml:id by @id

@xml:base by @base

@xml:lang by @languageOfElement

Attributes of XLink namespace replaced

@xlink:href by @href

@xlink:role by @linkRole

@xlink:title by @linkTitle

Other XLink attributes removed

@xlink:actuate

@xlink:arcrole

@xlink:show

Global attributes

Optional for all elements

@id

@target

@audience (borrowed from EAD)

Optional for all elements with content

@languageOfElement

@scriptOfElement

Control

Transformed elements

element → *attribute*

Elements to encode status information:

<maintenanceStatus> →

@maintenanceStatus

required with limited values*:

cancelled, deleted, deletedMerged,
deletedReplaced, deletedSplit,
derived, new, revised

<publicationStatus> →

@publicationStatus

optional with limited values*:

approved, inProcess, published

**currently under discussion*

Transformed elements

element → *attribute*

Elements with type information:

<eventType> → **@maintenanceEventType**
in <maintenanceEvent>

required with limited values*:

cancelled, created, deleted, derived, revised,
unknown, updated

<agentType> → **@agentType**
in <agent>

required with limited values*:

human, machine, unknown

**currently under discussion*

Emphasized elements

<conventionDeclaration @id> +
 @conventionDeclarationReference

<source @id> +
 @sourceReference

<maintenanceEvent @id> +
 @maintenanceEventReference

<localTypeDeclaration @id> +
 @localTypeDeclarationReference

Emphasized elements

`<conventionDeclaration @id> +`

@conventionDeclarationReference

optional attribute available in all elements in identity area (except `<entityType>`), in description area and in relations

can be used to link to a convention or rule that prescribes a method for transliteration

`<conventionDeclaration>` in control will be used to provide rules for transliteration and rules for authorized, alternative, and preferred forms of names

```
<nameEntrySet languageOfElement="fre">
  <nameEntry conventionDeclarationReference="cd1"
preferredForm="true">
    <part>Provence-Alpes-Côte d'Azur</part>
  </nameEntry>
  <nameEntry conventionDeclarationReference="cd2">
    <part>Région Sud Provence-Alpes-Côte
d'Azur</part>
  </nameEntry>
  <nameEntry conventionDeclarationReference="cd3">
    <part>Provence-Alpes-Côte-d'Azur</part>
  </nameEntry>
</nameEntrySet>
```

Emphasized elements

<source @id> +

@sourceReference

<maintenanceEvent @id> +

@maintenanceEventReference

allow for linking to a specific source and maintenance event
(i.e., to <source @id> or <maintenanceEvent @id> in the
current EAC-CPF instance)

```
<relation sourceReference="source1"
maintenanceEventReference="me2">
  <targetEntity targetType="corporateBody"
valueURI="https://snaccooperative.org/ark:/99166/w63z1x3
9" vocabularySourceURI="https://snaccooperative.org">
    <part>Princeton University</part>
  </targetEntity>
  <relationType
valueURI="https://www.wikidata.org/wiki/Property:P69"
vocabularySourceURI="https://www.wikidata.org/">educated
at</relationType>
</relation>
```

Emphasized elements

<localTypeDeclaration @id> +

@localTypeDeclarationReference

new / optional accompanies each attribute @localType and
allows linking to specific local type declaration (i.e., to
<localTypeDeclaration @id>

```
<nameEntry status="authorized">
  <part
    localType="https://d-nb.info/standards/elementset/g
nd#personalName"
    localTypeDeclarationReference="GNDO">Arendt,
Hannah</part>
  <part
    localType="https://d-nb.info/standards/elementset/g
nd#dateOfBirthAndDeath"
    localTypeDeclarationReference="GNDO">1906-1975</par
t>
</nameEntry>
```

Example <control>: Use Case

“I want to start a new EAC record for my working group and document when I did it”

Unique ID for record	TS-EAS_EAC-CPF_2.0
Agency	TS-EAS
Date (and Time) record was created	Your Name, August 3, 2022

Example <control>

```
<control maintenanceStatus="new" publicationStatus="inProcess">
  <recordId>TS-EAS_EAC-CPF_2.0</recordId>
  <maintenanceAgency>
    <agencyName>TS-EAS</agencyName>
  </maintenanceAgency>
  <maintenanceHistory>
    <maintenanceEvent maintenanceEventType="created">
      <agent agentType="human">agent name</agent>
      <eventDateTime standardDateTime="2022-08-03"/>
    </maintenanceEvent>
  </maintenanceHistory>
</control>
```

“The draft is public, but in process”

```
audience="external"  
publicationStatus="inProcess"
```

*“And I’m going to use some data standards
that I should note in the record”*

```
countryEncoding="iso3166-1"  
dateEncoding="iso8601"  
languageEncoding="iso639-1"  
repositoryEncoding="iso15511"  
scriptEncoding="iso15924"
```

Example <control>

```
<control audience="external" countryEncoding="iso3166-1"  
  dateEncoding="iso8601" languageEncoding="iso639-1"  
  maintenanceStatus="new" publicationStatus="inProcess"  
  repositoryEncoding="iso15511" scriptEncoding="iso15924">
```

Example <maintenanceEvent>: Use Case

“I want to make an internal note in the record about what I did and why”

My name	TS-EAS EAC-CPF team
Date (and Time) record was created	April 27, 2021 at 8:01am
Description of my work on this record	Example for webinar

Example <maintenanceEvent>

```
<maintenanceEvent maintenanceEventType="created">  
  <agent agentType="human">TS-EAS EAC-CPF team</agent>  
  <eventDateTime standardDateTime="2021-04-027T08:01:48">  
    27.04.2021</eventDateTime>  
  <eventDescription>example for webinar</eventDescription>  
</maintenanceEvent>
```

Linking and referencing

External referencing

Referencing external vocabularies,
ontologies, etc.

@valueURI

@vocabularySource

@vocabularySourceURI

Referencing sources

<source> with <reference>

With an optional @href

Referencing external resources for
context

<reference> with other elements

With an optional @href

Example (snippets)

```
<source>
```

```
  <reference href="https://catalog.archives.gov/search?q=\*&f.oldScope=descriptions  
&f.level=series&f.locationIds=53023101">Barack Obama Presidential Library</reference>
```

```
</source>
```

```
<nameEntry valueURI="Q76" vocabularySourceURI="https://www.wikidata.org/wiki/">
```

```
  <part localType="lastname">Obama</part>
```

```
  <part localType="firstname">Barack</part>
```

```
</nameEntry>
```

```
<relation>
```

```
  <targetEntity targetType="corporateBody">
```

```
    <part>Democratic Party</part>
```

```
  </targetEntity>
```

```
  <descriptiveNote>
```

```
    <p>
```

```
      <reference href="https://en.wikipedia.org/wiki/Barack\_Obama">See more</reference>
```


Internal referencing

Referencing from any element to any other element within the same EAC-CPF instance

From @target to @id

Option to refer to more than one element

Referencing from descriptive elements to specific elements in <control>

For assertion description

Option to refer to more than one element

Example (snippets)

```
<occupation>
  <term>Assistant examiner - level III</term>
  <placeName target="#place1">Bern</placeName>
</occupation>
<place id="place1">
  <placeName>Bern</placeName>
  <placeRole>Place of work</placeRole>
  <address>
    <addressLine addressLineType="street">Stauffacherstrasse 65/59g
  </addressLine>
    <addressLine addressLineType="postalCode">3003</addressLine>
    <addressLine addressLineType="country">Switzerland</addressLine>
  </address>
</place>
```

Assertion description

Evidence-based assertions

Statements that form part of the
EAC-CPF description

Encoding who added an assertion when,
based on which source information, and
following which rules

@maintenanceEventReference

@sourceReference

@conventionDeclarationReference

Especially useful in case of conflicting
statements

Option to refer to more than one element

Example (snippets)

```
<maintenanceEvent maintenanceEventType="updated" id="me2">  
  <agent agentType="human">John Smith</agent>  
  <eventDateTime standardDateTime="2021-02-23" />  
</maintenanceEvent>
```

```
<source id="source1">  
  <reference>History of University of Oregon </reference>  
  <citedRange unit="page">270</citedRange>  
</source>
```

```
<relation sourceReference="#source1" maintenanceEventReference="#me2">  
  <targetEntity targetType="corporateBody">  
    <part>Princeton University</part>  
  </targetEntity>  
</relation>
```

Local types

References to lists of locally maintained vocabularies that are used in the @localType attribute

Referenced and described in <localTypeDeclaration>

Option to refer to more than one element

Example (snippets)

```
<localTypeDeclaration id="GNDO">
  <reference href="https://d-nb.info/standards/elementset/gnd ">
    GND Ontology</reference>
</localTypeDeclaration>
[...]
<nameEntry status="authorized">
  <part localType="https://d-nb.info/standards/elementset/gnd#personalName "
    localTypeDeclarationReference="GNDO">Arendt, Hannah</part>
</nameEntry>
```

Name encoding

Various names

`<nameEntryParallel> → <nameEntrySet>`

Transformed elements: `<element> → @attribute`

`<authorizedForm> → @status: authorized`

`<alternativeForm> → @status: alternative`

`<preferredForm> → @preferredForm:
true, false`

`@conventionDeclarationReference`

`@localType`

Example (snippet)

```
<conventionDeclaration id="cd1">
```

```
  <reference>[...] AFNOR NF Z44-060 [...] </reference>
```

```
</conventionDeclaration>
```

```
[...]
```

```
<nameEntry preferredForm="true" status="authorized"
```

```
  conventionDeclarationReference="#cd1">
```

```
    <part>Institut international des droits de l'homme</part>
```

```
</nameEntry>
```

Example (snippet)

```
<nameEntrySet localType="parallel">
  <nameEntry languageOfElement="de" preferredForm="true"
status="authorized" localType="native">
    <part localType="surname">Arendt</part>
    <part localType="firstname">Hannah</part>
  </nameEntry>
  <nameEntry languageOfElement="ja" scriptOfElement="Jpan"
preferredForm="false" status="authorized"
localType="translation">
    <part localType="surname">アーレント</part>
    <part localType="firstname">ハナ</part>
  </nameEntry> [...]
</nameEntrySet>
```

Place encoding

Places vs names of places

Encoding places in full

Within plural element <places>, in
<relation>-s, & in the context of a
<chronList>

Encoding <placeName>-s only

- Renamed <placeEntry> to
 <placeName>
- In singular elements

Places and their context

<place> requires at least one of

- Name of place (highly recommended)
- Role of place
- Physical address
- Digital contact information (new)
- Geographic coordinates (adopted from and aligned with EAD)

<place> allows for

- Date information
- Informal description

Example (snippet)

```
<place>
  <placeName countryCode="JP">Tokyo Imperial Palace </placeName>
  <placeRole>Place of birth</placeRole>
  <geographicCoordinates coordinateSystem="WGS84">N 35°40'57",
  E 139°45'07"</geographicCoordinates>
  <address>
    <addressLine addressLineType="street">1-1 Chiyoda</addressLine>
    <addressLine addressLineType="postalCode">100-8111</addressLine>
    <addressLine addressLineType="municipality">Tokyo</addressLine>
  </address>
  <contact>
    <contactLine
      contactLineType="homepage" href="https://sankan.kunaicho.go.jp/">
      Visit our website</contactLine>
    </contact>
  </place>
```

Date encoding

Uncertain, approximate and ongoing dates

Statement of uncertainty

@certainty adopted from EAD (along with @calendar and @era)

Normalised uncertainty

Enabling Extended Date/Time Format as integrated in ISO 8601-2:2019

A date's status

New attribute @status allows indication of "unknown" or "ongoing" dates

Example (snippets)

```
<date certainty="circa">1789</date>
```

```
<dateRange>
```

```
  <fromDate status="unknown"/>
```

```
  <toDate standardDate="0210?">c. 210</toDate>
```

```
</dateRange>
```

```
<dateSet>
```

```
  <date standardDate="2014-07">July 2014</date>
```

```
  <dateRange>
```

```
    <fromDate standardDate="2016-09">September 2016</fromDate>
```

```
    <toDate status="ongoing"/>
```

```
  </dateRange>
```

```
</dateSet>
```

Relations

New encoding

<relations>

<functionRelation>
<resourceRelation>
<cpfRelation>

} □ **<relation>** (new) +

<targetEntity> (new) with **@targetType** (new)

<cpfRelation> □

<targetEntity @targetType="person">
or "family" or "corporateBody" or "agent"

<functionRelation> □

<targetEntity @targetType="function">

<resourceRelation> □

<targetEntity @targetType="resource">

New encoding

<relations>

<relationType> (new)

specifies the type of relation that the entity being described has to the targeted entity.

<targetRole> (new)

can be used to provide information about the role of the targeted entity toward the entity described

<date>, **<dateRange>**, **<dateSet>**, **<place>**

<descriptiveNote>, & **<objectXMLWrap>** provide further context

Example

```
<relations>
  <relation>
    <targetEntity vocabularySource="GND"
vocabularySourceURI="http://d-nb.info/gnd/"
valueURI="http://d-nb.info/gnd/1190671301" targetType="person">
      <part localType="family">Arendt</part>
      <part localType="given">Paul</part>
    </targetEntity>
    <relationType>Family</relationType>
    <targetRole>parent</targetRole>
  </relation>
  [...]
</relations>
```

Documentation

Website

<https://eac.staatsbibliothek-berlin.de/>

Tag Library

<https://eac.staatsbibliothek-berlin.de/schema-and-tag-library/>

NEW: Best Practice Guide

<https://saa-sdt.github.io/EAS-Best-Practices/>

[Video tour available on SAA YouTube Channel:

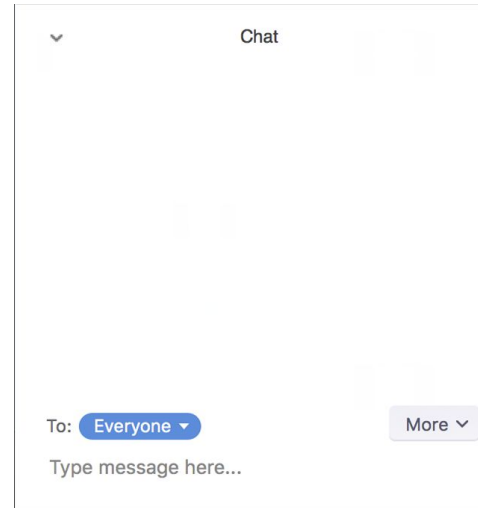
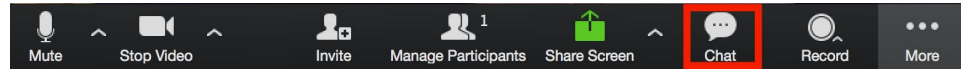
<https://www.youtube.com/watch?v=sHTDByPJ-Mk>]

Maintenance and review to follow general review cycle of SAA Standards Committee and agreed minor revision cycle of the TS-EAS regarding the EAS Design principles.

WANTED

Examples & Use cases

Q & A



Use **chat** for questions

Thanks!

The recording will be available on YouTube:

<https://www.youtube.com/user/saastaff>